

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------------|------------------|---------|------------------|
| S2 | 208 | (display adj device).clm. and (transistor.clm.) and (shape.clm.) | USPAT | OR | ON | 2005/04/19 16:04 |
| S4 | 82 | (display adj device).clm. and (transistor.clm.) and (shape.clm.) and (light.clm.) | USPAT | OR | ON | 2005/04/19 16:20 |
| S7 | 213 | 313/504.cor. | USPAT | OR | ON | 2005/04/19 16:21 |
| S6 | 5 | (display adj device).clm. and (transistor.clm.) and (shape.clm.) and (electroluminescent.clm.) | USPAT | OR | ON | 2005/04/19 16:21 |
| S8 | 46 | S7 and (@py="2004") | USPAT | OR | ON | 2005/04/19 16:22 |
| S3 | 35 | S2 and (@py="2004") | USPAT | OR | ON | 2005/04/19 16:22 |
| S9 | 28 | amberwave.as. | USPAT | OR | ON | 2005/04/19 16:39 |
| S5 | 3 | (display adj device).clm. and (transistor.clm.) and (shape.clm.) and (light.clm.) and (electroluminescent.clm.) | USPAT | OR | ON | 2005/04/19 16:39 |
| S1 | 483 | (display adj device).clm. and (transistor.clm.) and (shape.clm.) | US-PGPUB; USPAT | OR | ON | 2005/05/17 14:21 |
| S14 | 132 | S11 and display.clm. | US-PGPUB; USPAT | OR | ON | 2005/05/17 14:24 |
| S12 | 328 | ("257"/\$3.cor.) and (amorphous.clm.) and display.clm. | US-PGPUB; USPAT | OR | ON | 2005/05/17 14:24 |
| S13 | 223 | S12 and (display adj device) | US-PGPUB; USPAT | OR | ON | 2005/05/17 14:27 |
| S16 | 195 | (amorphous.clm.) and display.clm. and (display adj device) and (shape.clm.) | US-PGPUB; USPAT | OR | ON | 2005/05/17 14:28 |
| S15 | 1189 | (amorphous.clm.) and display.clm. and (display adj device) | US-PGPUB; USPAT | OR | ON | 2005/05/17 14:28 |
| S21 | 0 | S18 and jp0305222 | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/05/17 14:44 |
| S22 | 0 | S18 and @ad="20031009" | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/05/17 14:46 |
| S20 | 0 | S18 and @ad="20030423" | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/05/17 14:46 |
| S18 | 161 | (satoshi and morita).in. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/05/17 14:47 |
| S25 | 8 | (morita).in. and (@pd="20030611") | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/05/17 14:48 |

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|-----|------|---|--------------------------------|----|----|------------------|
| S26 | 0 | (morita).in. and (@ad="20030611") | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/05/17 14:49 |
| S27 | 0 | (morita and tanaka and kobayashi).in. and (@ad="20030611") | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/05/17 14:49 |
| S29 | 0 | JP0305222 | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/05/17 14:51 |
| S31 | 0 | (amorphous.clm.) and display.clm. and (display adj device) and (shape.clm.) and (bank.clm.) | USPAT | OR | ON | 2005/05/17 16:40 |
| S17 | 82 | (amorphous.clm.) and display.clm. and (display adj device) and (shape.clm.) | USPAT | OR | ON | 2005/05/17 16:40 |
| S32 | 0 | (amorphous.clm.) and display.clm. and (display adj device) and (shape.clm.) and (bank adj layer) | USPAT | OR | ON | 2005/05/17 16:42 |
| S33 | 1 | (amorphous.clm.) and display.clm. and (display adj device) and (bank adj layer) | USPAT | OR | ON | 2005/05/17 16:42 |
| S34 | 22 | display.clm. and (display adj device) and (bank adj layer) | USPAT | OR | ON | 2005/10/05 10:56 |
| S37 | 0 | display.clm. and (display adj device) and (bank adj layer) and (transistor with(shape or shaping or shaped)).clm. | USPAT | OR | ON | 2005/10/05 10:57 |
| S36 | 0 | display.clm. and (display adj device) and (bank adj layer) and (transistor near (shape or shaping or shaped)).clm. | USPAT | OR | ON | 2005/10/05 10:57 |
| S39 | 0 | (display adj device) and (bank adj layer) and (transistor with(shape or shaping or shaped)).clm. | USPAT | OR | ON | 2005/10/05 10:57 |
| S44 | 144 | (display adj device) and (transistor with (shape or shaping or shaped)).clm. | USPAT | OR | ON | 2005/10/05 12:15 |
| S40 | 144 | (display adj device) and (transistor with (shape or shaping or shaped)).clm. | USPAT | OR | ON | 2005/10/05 12:28 |
| S47 | 1392 | ((source or drain) with (oval or ovular or oblong)) | US-PGPUB; USPAT | OR | ON | 2005/10/05 12:34 |
| S49 | 4 | S48 not S46 | US-PGPUB; USPAT | OR | ON | 2005/10/05 12:35 |
| S46 | 3 | ((drive or driver or driving) adj (tft or mosfet or misfet or transistor or fet)) with (oval or ovular or oblong)) | US-PGPUB; USPAT | OR | ON | 2005/10/05 12:35 |

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| S48 | 6 | ((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) and S47 | US-PGPUB; USPAT | OR | ON | 2005/10/05 14:33 |
| S50 | 554 | ((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) with (shape or shaping or shaped)) | US-PGPUB; USPAT | OR | ON | 2005/10/05 15:56 |
| S54 | 29 | S53 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/05 15:57 |
| S52 | 529 | S51 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/05 15:57 |
| S53 | 29 | ((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) with ((shape or shaping or shaped) near active)) | US-PGPUB; USPAT | OR | ON | 2005/10/05 15:57 |
| S55 | 13 | S54 and (display.ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/05 15:58 |
| S58 | 13 | S57 and (display.ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/05 16:03 |
| S57 | 29 | S56 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/05 16:07 |
| S61 | 2 | S60 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/05 16:16 |
| S60 | 2 | ((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) with ((u1\$shape or u\$1shaping or u\$1shaped) near (channel or active))) | US-PGPUB; USPAT | OR | ON | 2005/10/05 16:16 |
| S67 | 10 | S65 not S63 | US-PGPUB; USPAT | OR | ON | 2005/10/05 16:26 |
| S66 | 4 | S65 and S63 | US-PGPUB; USPAT | OR | ON | 2005/10/05 16:26 |
| S63 | 4 | S62 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/05 16:26 |
| S62 | 4 | (tft with ((u1\$shape or u\$1shaping or u\$1shaped) near (channel or active))) | US-PGPUB; USPAT | OR | ON | 2005/10/05 16:26 |
| S69 | 7 | S68 not S65 | US-PGPUB; USPAT | OR | ON | 2005/10/05 16:31 |
| S65 | 14 | S64 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/05 16:31 |
| S64 | 14 | (tft with ((u1\$shape or u\$1shaping or u\$1shaped) with (channel or active))) | US-PGPUB; USPAT | OR | ON | 2005/10/05 16:31 |
| S70 | 6 | S69 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/05 16:34 |

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| S68 | 21 | (tft same ((u1\$shape or u\$1shaping or u\$1shaped) with (channel or active))) | US-PGPUB; USPAT | OR | ON | 2005/10/05 16:34 |
| S71 | 6 | ((thin\$1film near (mosfet or misfet or transistor or fet)) same ((u1\$shape or u\$1shaping or u\$1shaped) with (channel or active))) | US-PGPUB; USPAT | OR | ON | 2005/10/05 16:34 |
| S51 | 554 | (((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) with (shape or shaping or shaped)) | US-PGPUB; USPAT | OR | ON | 2005/10/06 15:34 |
| S72 | 6 | S71 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/06 15:36 |
| S56 | 29 | (((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) with ((shape or shaping or shaped) near active)) | US-PGPUB; USPAT | OR | ON | 2005/10/06 15:36 |
| S79 | 126 | S78 and (display.ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/06 15:39 |
| S76 | 82 | S75 and (display.ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/06 15:39 |
| S74 | 900 | S73 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/06 15:39 |
| S75 | 129 | ((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) and S74 | US-PGPUB; USPAT | OR | ON | 2005/10/06 15:39 |
| S73 | 961 | ((tft or mosfet or misfet or transistor or fet or igfet) with (perpendicular or orthogonal) with (pixel or oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) | US-PGPUB; USPAT | OR | ON | 2005/10/06 16:02 |
| S78 | 275 | S77 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/06 16:03 |
| S77 | 285 | ((tft or mosfet or misfet or transistor or fet or igfet) with (perpendicular or orthogonal) with (channel or active) with (pixel or oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) | US-PGPUB; USPAT | OR | ON | 2005/10/06 16:03 |
| S85 | 55 | paratek.as. | USPAT | OR | ON | 2005/10/07 16:31 |
| S93 | 1 | S92 not S91 | US-PGPUB; USPAT | OR | ON | 2005/10/12 13:27 |

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| S90 | 126 | S89 and (display.ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 13:27 |
| S89 | 275 | S88 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 13:27 |
| S87 | 9 | S86 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 13:27 |
| S84 | 1 | S83 not S80 | US-PGPUB; USPAT | OR | ON | 2005/10/12 13:27 |
| S83 | 9 | S82 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 13:27 |
| S91 | 23 | ((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) and S90 | US-PGPUB; USPAT | OR | ON | 2005/10/12 13:27 |
| S82 | 11 | (((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) with (perpendicular or orthogonal) with (channel or active) with (pixel or oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 13:45 |
| S95 | 1 | S94 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 13:46 |
| S92 | 9 | S86 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 13:46 |
| S94 | 1 | (((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) with ((perpendicular or orthogonal) near (pixel or oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode))) | US-PGPUB; USPAT | OR | ON | 2005/10/12 13:46 |
| S96 | 26 | ((tft or mosfet or misfet or transistor or fet) with ((perpendicular or orthogonal) near (pixel or oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode))) | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:34 |
| S97 | 24 | S96 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:35 |

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| S10 7 | 1 | (((perpendicular or orthogonal) near (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) with (drive or driving) not (line or signal)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:37 |
| S10 9 | 1 | (((perpendicular or orthogonal) near2 (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) with (pixel) not (line or signal)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:39 |
| S10 8 | 1 | (((perpendicular or orthogonal) near (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) with (pixel) not (line or signal)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:39 |
| S11 2 | 24 | S111 not S97 | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:40 |
| S10 6 | 9 | S105 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:40 |
| S11 0 | 1 | (((perpendicular or orthogonal or orthogonally) near2 (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) with (pixel) not (line or signal)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:40 |
| S11 1 | 24 | (((perpendicular or orthogonal or orthogonally) with (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) with (pixel) not (line or signal)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:45 |
| S11 3 | 24 | S112 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:46 |
| S11 8 | 9 | S117 not S115 | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:47 |
| S11 6 | 109 | (((oval or ovular) near2 (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:47 |

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| S11 4 | 38 | ((oval or ovular) near (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:47 |
| S10 5 | 9 | (((tft or mosfet or misfet or transistor or fet) with (perpendicular or orthogonal) with (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode) not (line or signal)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:52 |
| S12 1 | 3 | S120 and semiconductor | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:53 |
| S11 7 | 16 | S116 and (@ad<"20040709" or @rlad<"20040709") and (display. ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:53 |
| S11 9 | 9 | (((tft or mosfet or misfet or transistor or fet) with (perpendicular or orthogonal or orthogonally) with (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode) not (line or signal)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:53 |
| S12 3 | 3 | S122 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:54 |
| S12 0 | 9 | S119 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:54 |
| S11 5 | 7 | S114 and (@ad<"20040709" or @rlad<"20040709") and (display. ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:54 |
| S12 6 | 24 | S124 not S125 | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:55 |
| S12 4 | 28 | (((oblong near2 (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode))) | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:55 |
| S12 5 | 4 | S124 and (@ad<"20040709" or @rlad<"20040709") and (display. ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 14:57 |
| S12 8 | 6 | S127 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:07 |

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| S12 7 | 6 | (pixel with ((perpendicular or orthogonal or orthogonally) near2 (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode))) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:07 |
| S12 9 | 20 | (channel with ((perpendicular or orthogonal or orthogonally) near2 (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode))) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:08 |
| S13 2 | 29 | ((channel near2 (perpendicular or orthogonal or orthogonally)) with (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:08 |
| S13 5 | 5 | S134 not S131 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:09 |
| S13 1 | 7 | S130 and display | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:09 |
| S13 0 | 20 | S129 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:09 |
| S13 9 | 6 | S138 and display | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:11 |
| S13 3 | 29 | S132 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:11 |
| S12 2 | 3 | ((tft or mosfet or misfet or transistor or fet) with ((perpendicular or orthogonal or orthogonally) near2 (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode))) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:11 |
| S13 8 | 14 | S137 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:13 |
| S13 4 | 6 | S133 and display | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:13 |
| S13 7 | 15 | (((tft or mosfet or misfet or transistor or fet) near2 (perpendicular or orthogonal or orthogonally)) with (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:13 |
| S14 1 | 14 | S140 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:15 |

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| S14 3 | 123 | ((perpendicular or orthogonal or orthogonally) near2 (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) and (display.ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:15 |
| S14 0 | 14 | ((perpendicular or orthogonal or orthogonally) near2 (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) and (257/88.ccls.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:15 |
| S14 2 | 8 | S141 and display | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:16 |
| S14 4 | 123 | ((perpendicular or orthogonal or orthogonally) near2 (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) and (display.ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:16 |
| S14 5 | 121 | S144 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:17 |
| S14 8 | 5 | S147 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:18 |
| S14 9 | 5 | (oblong near2 (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) and (display.ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:18 |
| S14 7 | 5 | ((tft or mosfet or misfet or transistor or fet or pixel or switch or switching) with ((perpendicular or orthogonal or orthogonally) near2 (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode))) and (display.ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:18 |
| S15 3 | 6 | S152 not S150 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:19 |
| S15 0 | 4 | S149 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:19 |
| S15 1 | 11 | (oblong near3 (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) and (display.ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:20 |
| S14 6 | 121 | S145 and display | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:21 |

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| S15 5 | 14 | (morita and tanaka and kobayashi).in. | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:21 |
| S28 | 26 | (morita and tanaka and kobayashi).in. | US-PGPUB; USPAT; DERWENT | OR | ON | 2005/10/12 15:21 |
| S15 2 | 10 | S151 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:36 |
| S15 4 | 2 | (race\$1track with (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) and (display.ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:36 |
| S16 1 | 18 | S160 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:38 |
| S16 0 | 19 | (((round or rounded) near (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode))) and (display.ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:38 |
| S16 2 | 76 | (((curve or curvature) near (oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode))) and (display.ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:38 |
| S16 6 | 35 | S165 not S164 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:43 |
| S16 4 | 23 | ((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) and S90 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:43 |
| S80 | 23 | ((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) and S79 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:43 |
| S88 | 285 | ((tft or mosfet or misfet or transistor or fet or igfet) with (perpendicular or orthogonal) with (channel or active) with (pixel or oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:44 |
| S16 3 | 72 | S162 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:45 |
| S16 5 | 54 | (pixel near (tft or mosfet or misfet or transistor or fet)) and S90 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:45 |
| S16 9 | 8 | (pixel near (tft or mosfet or misfet or transistor or fet)) and S168 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:45 |
| S17 2 | 3 | S171 not (orthogonal adj array) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:48 |

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|----------|-----|--|--------------------|----|----|------------------|
| S17 1 | 19 | S170 not S169 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:48 |
| S17 0 | 25 | S168 and (display.ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:48 |
| S15 6 | 3 | S155 and display | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:48 |
| S16 7 | 85 | ((tft or mosfet or misfet or transistor or fet or igfet) with (perpendicular or orthogonal or orthogonally) with (channel or active) with (pixel or oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode) not (bus or data or signal)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:49 |
| S17 3 | 321 | ((perpendicular or orthogonal or orthogonally) with (channel or active) with (pixel or oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode) not (bus or data or signal)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:49 |
| S17 5 | 92 | S174 and (active\$1matrix or (active adj matrix)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:50 |
| S16 8 | 83 | S167 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:50 |
| S17 8 | 94 | S176 not (liquid adj crystal).ab.ti. | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:51 |
| S17 7 | 83 | S176 not (liquid adj crystal).ab. | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:51 |
| S18 2 | 58 | S181 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:56 |
| S17 9 | 59 | S176 not ((liquid adj crystal).ab. or (liquid adj crystal)"ti.") | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:56 |
| S18 0 | 97 | ((perpendicular or orthogonal or orthogonally) with (tft) with (pixel or oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode) not (bus or data or signal)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:56 |
| S17 6 | 90 | S175 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:58 |
| S18 3 | 2 | S182 not S179 | US-PGPUB; USPAT | OR | ON | 2005/10/12 15:59 |

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| S18 5 | 55 | S184 and (oled or organic).ab. | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:05 |
| S18 7 | 56 | S174 and (oled or organic).ab. | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:06 |
| S19 0 | 74 | S189 and display | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:07 |
| S18 8 | 240 | S174 and ("345"/\$3.cor. or "257"/\$3.cor. or "438"/\$3.cor.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:07 |
| S19 1 | 8 | S190 and (pixel near (tft or mosfet or fet or misfet or transistor)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:08 |
| S17 4 | 629 | ((perpendicular or orthogonal or orthogonally) with (channel or active or amorphous or semiconductor or si or silicon) with (pixel or oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode) not (bus or data or signal)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:10 |
| S19 3 | 9 | S92 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:11 |
| S18 4 | 609 | S174 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:11 |
| S86 | 11 | ((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) with (perpendicular or orthogonal) with (channel or active) with (pixel or oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:11 |
| S19 6 | 79 | ((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) and ((oled with display).ab.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:13 |
| S18 9 | 229 | S184 and ("345"/\$3.cor. or "257"/\$3.cor. or "438"/\$3.cor.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:14 |
| S19 8 | 74 | S197 and display | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:15 |
| S18 6 | 27 | S185 not (S182 or S179) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:15 |
| S19 7 | 230 | S194 and ("345"/\$3.cor. or "257"/\$3.cor. or "438"/\$3.cor.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:16 |
| S19 4 | 614 | S192 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:16 |

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| S19 2 | 635 | ((perpendicular or orthogonal or orthogonally) with (channel or active or amorphous or semiconductor or si or silicon) with (pixel or oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode or el) not (bus or data or signal)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:16 |
| S20 3 | 28 | S202 not (S185 or S182 or S179) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:17 |
| S19 9 | 63 | S198 not (S185 or S182 or S179) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:17 |
| S20 2 | 29 | S201 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:18 |
| S20 1 | 29 | S200 and ("345"/\$3.cor. or "257"/\$3.cor. or "438"/\$3.cor.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:18 |
| S20 0 | 94 | (((perpendicular or orthogonal or orthogonally) near2 (channel or active or amorphous or semiconductor or si or silicon)) with (pixel or oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode or el) not (bus or data or signal)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:18 |
| S20 9 | 8 | S208 not S204 | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:19 |
| S20 8 | 9 | S207 and display | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:19 |
| S20 4 | 9 | S203 and display | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:19 |
| S20 5 | 59 | (((perpendicular or orthogonal or orthogonally) near2 (pixel or oled or led or electroluminescent or (light adj (emitting or emitter)) or light\$1emitter or light\$1emitting or diode or el)) with (channel or active or amorphous or semiconductor or si or silicon) not (bus or data or signal)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:21 |
| S20 7 | 17 | S206 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:22 |
| S20 6 | 19 | S205 and ("345"/\$3.cor. or "257"/\$3.cor. or "438"/\$3.cor.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:22 |

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| S21 0 | 500 | ((perpendicular or orthogonal or orthogonally) with (active\$1matrix or (active adj matrix))) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:22 |
| S21 2 | 28 | S211 and ("345"/\$3.cor. or "257"/\$3.cor. or "438"/\$3.cor.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:36 |
| S21 9 | 60 | S218 not S213 | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:37 |
| S21 8 | 74 | S217 not ((liquid adj crystal).ab. or (liquid adj crystal).ti.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:37 |
| S21 7 | 99 | S216 and display | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:37 |
| S21 5 | 107 | S214 and ("345"/\$3.cor. or "257"/\$3.cor. or "438"/\$3.cor.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:37 |
| S21 3 | 24 | S212 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:37 |
| S18 1 | 58 | S180 not ((liquid adj crystal).ab. or (liquid adj crystal)"ti.") | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:37 |
| S21 1 | 56 | ((perpendicular or orthogonal or orthogonally) with (active\$1matrix or (active adj matrix)) with (drive or driving)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:47 |
| S22 1 | 429 | ((active\$1matrix or (active adj matrix)).ab.) and ("345"/\$3.cor.) | USPAT | OR | ON | 2005/10/12 16:48 |
| S22 2 | 49 | S221 and (@py="2004") | USPAT | OR | ON | 2005/10/12 16:49 |
| S22 4 | 155 | ((active\$1matrix or (active adj matrix)).ab.) and S223 | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:49 |
| S22 0 | 726 | ((active\$1matrix or (active adj matrix)).ab.) and ("345"/\$3.cor.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:49 |
| S21 6 | 99 | S215 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:50 |
| S22 8 | 42 | oled.ti. and ("345"/\$3.cor.) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:50 |
| S21 4 | 332 | ((perpendicular or orthogonal or orthogonally) with (active\$1matrix or (active adj matrix)) with (tft or transistor or mosfet or misfet or igfet or pixel)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:50 |
| S23 3 | 0 | S232 not S219 | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:51 |
| S23 2 | 5 | S231 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:51 |
| S22 7 | 6 | S226 not S219 | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:51 |
| S22 6 | 7 | S225 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:51 |

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| S22 3 | 545 | 345/92.ccls. | USPAT | OR | ON | 2005/10/12 16:51 |
| S23 0 | 609 | 345/82.ccls. | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:51 |
| S23 1 | 5 | ((perpendicular or orthogonal or orthogonally) with (active\$1matrix or (active adj matrix)) with (tft or transistor or mosfet or misfet or igfet or pixel)) and S230 | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:51 |
| S22 5 | 7 | ((perpendicular or orthogonal or orthogonally) with (active\$1matrix or (active adj matrix)) with (tft or transistor or mosfet or misfet or igfet or pixel)) and S224 | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:51 |
| S23 6 | 14 | S235 not S219 | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:52 |
| S23 5 | 19 | S234 and (@ad<"20040709" or @rlad<"20040709") | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:53 |
| S23 8 | 0 | ((perpendicular or orthogonal or orthogonally) with (gate) not line) and S230 | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:57 |
| S23 9 | 4 | ((perpendicular or orthogonal or orthogonally) with (gate)) and S230 | US-PGPUB; USPAT | OR | ON | 2005/10/12 16:57 |
| S24 0 | 2 | S239 and (@ad<"20020614" or @rlad<"20020614") | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:01 |
| S23 4 | 19 | ((perpendicular or orthogonal or orthogonally) with (tft or transistor or mosfet or misfet or igfet or pixel)) and S230 | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:01 |
| S24 8 | 5 | S247 not S246 | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:02 |
| S24 7 | 7 | ((perpendicular or orthogonal or orthogonally)) and S245 | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:02 |
| S24 4 | 85 | S230 and (amorphous with (si or silicon or semiconductor or channel or active)) | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:09 |
| S25 0 | 31 | S249 and (@ad<"20020614" or @rlad<"20020614") | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:10 |
| S24 5 | 50 | S244 and (@ad<"20020614" or @rlad<"20020614") | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:10 |
| S23 7 | 8 | S234 and (@ad<"20020614" or @rlad<"20020614") | US-PGPUB; USPAT | OR | ON | 2005/10/12 17:11 |
| S25 1 | 30 | S250 not S237 | US-PGPUB; USPAT | OR | ON | 2005/10/15 19:38 |

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| S19 5 | 14 | ((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) and S194 | US-PGPUB; USPAT | OR | ON | 2005/10/15 19:42 |
| S25 6 | 343 | S255 and (amorphous with (si or silicon or semiconductor or channel or active) not (crystallize or crystallizing or crystallization or crystallized)) | US-PGPUB; USPAT | OR | ON | 2005/10/15 19:43 |
| S24 9 | 55 | S230 and (amorphous with (si or silicon or semiconductor or channel or active) not (crystallize or crystallizing or crystallization or crystallized)) | US-PGPUB; USPAT | OR | ON | 2005/10/15 19:43 |
| S24 6 | 2 | ((perpendicular or orthogonal or orthogonally) with (tft or transistor or mosfet or misfet or igfet or pixel or channel or active)) and S245 | US-PGPUB; USPAT | OR | ON | 2005/10/15 19:44 |
| S25 7 | 60 | ((perpendicular or orthogonal or orthogonally) with (tft or transistor or mosfet or misfet or igfet or pixel or channel or active)) and S256 | US-PGPUB; USPAT | OR | ON | 2005/10/15 19:47 |
| S25 5 | 1087 | S254 and (display.ab. or display.ti.) | US-PGPUB; USPAT | OR | ON | 2005/10/15 19:48 |
| S25 4 | 4696 | S253 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/15 19:48 |
| S25 3 | 6047 | ((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) and (plan adj view) | US-PGPUB; USPAT | OR | ON | 2005/10/15 19:48 |
| S26 1 | 7 | ((drive or driver or driving) near (tft or mosfet or misfet or transistor or fet)) and (plan adj view) and S260 | US-PGPUB; USPAT | OR | ON | 2005/10/15 19:53 |
| S25 9 | 3852 | S258 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/15 19:54 |
| S26 5 | 34 | S264 and (display.ab. or display.ti. or display.clm.) | US-PGPUB; USPAT | OR | ON | 2005/10/15 20:00 |
| S26 8 | 0 | lcd with light with pxel | US-PGPUB; USPAT | OR | ON | 2005/10/15 20:00 |
| S26 9 | 2547 | lcd with light with pixel | US-PGPUB; USPAT | OR | ON | 2005/10/15 20:00 |
| S27 3 | 399 | S272 and (display.ab. or display.ti. or display.clm.) | US-PGPUB; USPAT | OR | ON | 2005/10/15 20:01 |
| S27 0 | 448 | (lcd with light with (pixel adj electrode)) | US-PGPUB; USPAT | OR | ON | 2005/10/15 20:01 |
| S27 2 | 448 | (lcd with light with (pixel adj electrode)) | US-PGPUB; USPAT | OR | ON | 2005/10/15 20:06 |

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|----------|------|--|--------------------|----|----|------------------|
| S27 4 | 3 | ((lcd with light with (pixel adj electrode)) same (light near emit)) | US-PGPUB; USPAT | OR | ON | 2005/10/15 20:07 |
| S27 6 | 15 | S275 and (pixel with (shaped or shape or shaping)) | US-PGPUB; USPAT | OR | ON | 2005/10/15 20:08 |
| S26 0 | 325 | S259 and (display.ab. or display.ti. or display.clm.) | US-PGPUB; USPAT | OR | ON | 2005/10/15 20:08 |
| S27 8 | 699 | S277 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/15 20:11 |
| S26 4 | 39 | S263 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/15 20:11 |
| S25 8 | 4699 | ((oval or ovular or oblong or (race adj track) or football or race\$1track) with (tft or transistor or mosfet or misfet or igfet or pixel or channel or active)) | US-PGPUB; USPAT | OR | ON | 2005/10/15 20:11 |
| S27 7 | 886 | ((oval or ovular or oblong or (race adj track) or football or race\$1track) near2 (tft or transistor or mosfet or misfet or igfet or pixel or channel or active)) | US-PGPUB; USPAT | OR | ON | 2005/10/15 20:11 |
| S27 5 | 53 | S259 and (display.ab. or display.ti. or display.clm.) and led | US-PGPUB; USPAT | OR | ON | 2005/10/15 20:12 |
| S27 9 | 10 | S278 and (display.ab. or display.ti. or display.clm.) and led | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:22 |
| S28 4 | 3 | S282 not S283 | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:23 |
| S28 3 | 10 | S281 and (display.ab. or display.ti. or display.clm.) and led | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:23 |
| S28 2 | 11 | S281 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:24 |
| S28 6 | 14 | S281 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or oled)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:25 |
| S28 0 | 886 | ((oval or ovular or oblong or (race adj track) or football or race\$1track) near2 (tft or transistor or mosfet or misfet or igfet or pixel or channel or active)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:25 |
| S28 7 | 3 | S286 not (S282 or S283) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:26 |
| S28 1 | 699 | S280 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:26 |

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|------|------|--|-----------------|----|----|------------------|
| S229 | 6 | oled.ti. and ("345"/\$3.cor.) | USPAT | OR | ON | 2005/10/16 11:26 |
| S294 | 1524 | S293 and (("345"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:28 |
| S292 | 9 | S291 and (("345"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:28 |
| S291 | 42 | S290 not (S286 or S282 or S283) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:28 |
| S290 | 42 | S289 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:28 |
| S289 | 55 | S288 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or oled)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:28 |
| S298 | 64 | S297 not (S290 or S286 or S282 or S283) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:29 |
| S297 | 73 | S295 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:29 |
| S295 | 93 | S294 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or oled)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:29 |
| S293 | 9147 | (wide near (tft or transistor or mosfet or misfet or igfet or pixel or channel or active)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:29 |
| S303 | 33 | S302 and (("345"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:30 |
| S302 | 102 | S301 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or oled)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:30 |
| S301 | 4351 | S300 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:30 |
| S300 | 5013 | S299 not (S290 or S286 or S282 or S283) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:30 |
| S296 | 93 | S295 and (("345"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:30 |
| S299 | 5029 | (wide near (tft or transistor or mosfet or misfet or igfet or pixel or channel or active) with wide not (band or gap or bandgap or ("wide" adj use))) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:30 |

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| S31 0 | 0 | S307 and (display same (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or oled)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:31 |
| S30 9 | 2 | S306 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or oled)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:31 |
| S30 8 | 0 | S307 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or oled)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:39 |
| S30 7 | 302 | S306 and (("345"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:39 |
| S28 8 | 4271 | ((wide near (active or channel)) with (tft or transistor or mosfet or misfet or igfet or pixel or channel or active)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:39 |
| S31 1 | 57415 | (((shape or shaped or shaping) near (active or channel)) with (tft or transistor or mosfet or misfet or igfet or pixel or channel or active)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:39 |
| S30 6 | 2078 | S305 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:40 |
| S30 5 | 2368 | S304 not (S290 or S286 or S282 or S283) | US-PGPUB; USPAT | OR | ON | 2005/10/16 11:40 |
| S31 4 | 42 | S313 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:04 |

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| S31 8 | 42 | ("4439507" "4502934" "4543306" "4909959" "5006212" "5059694" "5132049" "5149826" "5204424" "5268448" "5347144" "5536932" "5574291" "5583369" "5596208" "5614427" "5625199" "5659181" "5693977" "5705826" "5721164" "5733804" "5828082" "5847413" "5874746" "5917199" "5917210" "5936259" "5946561" "5969376" "6005791" "6005817" "6017584" "6019796" "6020223" "6107117" "6197663" "6265249" "6274412" "6278142" "6312304" "6323989").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/16 12:15 |
| S31 9 | 3 | S318 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or oled)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:16 |
| S31 7 | 17 | S316 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:16 |
| S31 2 | 398 | S311 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or oled)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:16 |
| S32 4 | 5 | S321 and (display.ab. or display.ti. or display.clm.) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:17 |
| S32 3 | 0 | S321 and ("345"/\$3.cor.) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:17 |
| S27 1 | 399 | S270 and (display.ab. or display.ti. or display.clm.) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:17 |
| S32 7 | 0 | S325 and tft | EPO; JPO; DERWENT | OR | ON | 2005/10/16 12:19 |
| S32 6 | 1 | S325 and (display) | EPO; JPO; DERWENT | OR | ON | 2005/10/16 12:19 |
| S32 2 | 1 | S321 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or oled)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:19 |
| S32 1 | 273 | S320 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:19 |

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|----------|-------|---|------------------------------|----|----|------------------|
| S31 3 | 74 | S312 and (("345"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:19 |
| S32 0 | 329 | ((oblong or oval or ovular) near channel) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:19 |
| S33 2 | 43 | S331 not (S314 or 11 or S286 or S282 or S283) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:20 |
| S31 5 | 42 | S314 not (S290 or S286 or S282 or S283) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:20 |
| S32 8 | 11942 | ((area) near channel) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:20 |
| S33 3 | 43 | S331 not (S314 or S290 or S286 or S282 or S283) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:21 |
| S33 1 | 46 | S330 and (("345"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:21 |
| S33 0 | 149 | S329 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:21 |
| S32 9 | 270 | S328 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or oled)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:21 |
| S33 4 | 1227 | ((area near channel) with (reduce or reduction or minimize or minimizing or minimized or reduced or smaller)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:21 |
| S33 9 | 1 | ("6524884").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/16 12:26 |
| S33 6 | 14 | S335 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:30 |
| S33 5 | 26 | S334 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or oled)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:30 |
| S28 5 | 14 | S281 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:47 |
| S32 5 | 114 | ((oblong or oval or ovular) near channel) | EPO; JPO; DERWENT | OR | ON | 2005/10/16 12:47 |
| S34 4 | 50 | ((oblong or oval or ovular) near (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or diode)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:47 |
| S34 2 | 3 | S341 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:48 |

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|----------|------|--|--------------------|----|----|------------------|
| S34 1 | 15 | S340 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or oled)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:48 |
| S33 7 | 4 | S336 and (("345"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:48 |
| S34 8 | 5 | S347 and (("345"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:49 |
| S34 6 | 37 | S345 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:49 |
| S34 5 | 50 | ((oblong or oval or ovular) near (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or diode or oled)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:49 |
| S34 7 | 14 | S346 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or oled with diode)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:50 |
| S34 9 | 190 | ((narrow) near (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or diode or oled) not (band or gap or bandgap)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:50 |
| S35 7 | 42 | S356 not (S337 or S314 or S290 or S286 or S282 or S283) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:51 |
| S35 2 | 1 | S351 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or oled with diode)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:51 |
| S35 1 | 15 | S350 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:51 |
| S35 0 | 24 | S349 and (("345"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:51 |
| S33 8 | 4 | S337 not (S314 or S290 or S286 or S282 or S283) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:51 |
| S35 3 | 1278 | ((shape or shaping or shaped) near (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or diode or oled) not (band or gap or bandgap)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:51 |
| S35 8 | 14 | S357 and (tft or transistor or mosfet or misfet or igfet or fet) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:53 |

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|------|------|--|-----------------|----|----|------------------|
| S304 | 2384 | (wide near (tft or transistor or mosfet or misfet or igfet or channel or active) with wide not (band or gap or bandgap or ("wide" adj use))) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:53 |
| S340 | 161 | S334 and ((amorphous near (si or silicon)) or a\$1si or a\$1silicon) | US-PGPUB; USPAT | OR | ON | 2005/10/16 12:56 |
| S363 | 3746 | ((tft or (thin\$1film adj (transistor or mosfet or fet or misfet))) with ((amorphous near (si or silicon)) or a\$1si or a\$1silicon) not (crystallized or crystallized or anneal or annealed or annealing or crystallization)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 15:54 |
| S355 | 198 | S354 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 15:55 |
| S364 | 59 | ((tft or (thin\$1film adj (transistor or mosfet or fet or misfet))) with ((amorphous near (si or silicon)) or a\$1si or a\$1silicon) with (good or easier or better) not (crystallized or crystallized or anneal or annealed or annealing or crystallization)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 15:55 |
| S365 | 43 | S364 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 18:04 |
| S375 | 6 | S374 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 18:08 |
| S356 | 43 | S355 and (("345"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 18:08 |
| S374 | 6 | (((shielding or block or blocking or shield) near light) with mgag) | US-PGPUB; USPAT | OR | ON | 2005/10/16 18:08 |
| S378 | 1347 | S377 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 18:09 |
| S377 | 1705 | (((shielding or block or blocking or shield) near light) with aluminum) | US-PGPUB; USPAT | OR | ON | 2005/10/16 18:09 |
| S380 | 57 | ((((shielding or block or blocking or shield) near light) with aluminum with nm) | US-PGPUB; USPAT | OR | ON | 2005/10/16 18:09 |
| S382 | 20 | S381 and (("345"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 18:10 |
| S379 | 355 | S378 and (("345"/\$3.cor.) or ("257"/\$3.cor.) or ("438"/\$3.cor.)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 18:10 |
| S381 | 41 | S380 and (@ad<"20020427" or @rlad<"20020427") | US-PGPUB; USPAT | OR | ON | 2005/10/16 19:32 |

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|----------|-----|---|--------------------|----|----|------------------|
| S35 4 | 347 | S353 and (display with (light\$1emitting or light\$1emitter or (light adj (emitting or emitter)) or led or electroluminescent or oled with diode)) | US-PGPUB; USPAT | OR | ON | 2005/10/16 19:32 |
|----------|-----|---|--------------------|----|----|------------------|